

Wireworm Problem In Western Canada

Annual Loss Runs To Millions Of Dollars In The Prairie Provinces

Fully three out of four farms in many areas of medium and light soil in the prairie and open park sections of Western Canada, and many farms in other areas, have a "permanent" wireworm problem of considerable importance. This is revealed by surveys conducted since 1917 by the Dominion Entomological Laboratory, Saskatoon, Sask. Yet, although the situation here from wireworms runs in millions of dollars in the Prairie Provinces, not one farmer in ten makes it a case. Because wireworms live in the soil they are not readily seen, and because their damage is usually in the future, a general crop thinning the injury is commonly attributed to various other factors.

Whether or not there is a wireworm problem is determined by first looking for the characteristic damage symptoms: a thin poor stand, or a general patchy condition which is worse on the ends of infested soil, and previously very fertile areas; on many severe cases, where only the whole crop is eaten out, wheat plants still growing in the dirt while the rest of the field is a bare stubble; and other patches show. Dissection of wireworms should be particularly accurate if the injury is from common and more severe to crop on summerfallow than on stubble. If the damage is most pronounced in years of limited moisture or if the damage tends to recur in the same fields and in the same spots every year in which conditions are favourable to the pest.

Examination of the individual damaged plants for further characteristic symptoms is necessary, since this step alone of the wireworms can result from several causes. The young plant is injured by the wireworm boring into the stem, and the part of the stem, feeding mainly on the centre tissues, often giving a "waisted" appearance. The injury is not, but rarely completely severe. The plant may be killed by the feeding of the stem first, the centre leaf dies and shrivels before the outside leaves begin to show the injury.

Finally, search must be made for the pest itself. Wireworms are most abundant in the soil in the top 3 to 4 inches of soil along the dirt runs at the time and place the young grain plants are found in a dying condition. This will be in the early June, when the soil is still moist. Later, the pest will probably not be found, because it burrows into the soil and remains there, dry, after winter. Wireworms are shiny, yellow, hard-bodied worms, 1 to 2 inches long. Full-grown specimens are about an inch in length, but usually various sizes are found together in the same field.

Careful observation along the above lines is advisable, worthwhile, since both the abundance of wireworms and the risk of damage to them can be decidedly reduced, with out additional cost, by certain agricultural and cultural practices, regular farming practices. Control measures are described in a leaflet "The Wireworms of the Prairie Provinces of Western Canada," which may be secured from the Dominion Entomological Laboratory, Saskatoon, Sask.

To Help Youth

Young People Facing Great Difficulties This Year Before

An appeal to use veterans to help youth, "facing greater difficulties than any generation in the history of the world," was made by Sir Alex. Ross, Yorkton, Sask., national president of the Canadian Legion, at a luncheon at Montreal and district Legislatures.

The world is passing through one of its most critical periods, and we are going to see it either sink into a dark abyss or emerge into a brighter than ever before. General Ross said.

"If these difficulties are going to be faced and surmounted," he continued, "then youth will be the generation that suffers the most. In 20 years ago, I suggest to you there is today a greater opportunity for us than there was ever offered in 1914. I trust we shall help youth with our experience and guide it with our counsel."

Thales Japan Made Mistake Japan made a serious mistake in going into Manchuria, the way she has. Dr. Toyohiko Kagawa said in an address at Montreal. The Japanese venture said his country was faced with the problem of manufacturing a population with the largest population in the past 20 years. 22,000,000 Chinese have migrated to Manchuria, while the Japanese have remained in their own country, he said.

Judge—"Will you walk up the stairs to appeal?" Husband—"Don't let her have any more rights, Judge. That's how you get this black eye!"

Motorists crashing into side of train caused for 389 of the 1,628 grade crossing accidents in the first six months of 1935.

When The Wheels Turn

It Means Progress And Everything Begins To Move

The cure here has the real wheel of progress. When they turn things begin to move. When a wheel starts on the big road, the 100,000 tons of steel and 114,000 tons of malleable iron, and the mining industry and related the modern and open heart of the continent. When 30,000 tons of rubber are ordered, big business awakes and begins to stir. When \$225,000,000 board feet of lumber needed at the lumberjacks at the end of the winter, the sawmills begin to sing. The 6,000 tons of lumber demanded sent men to the forests in the north they are not steady. The 5,000 tons of zinc and the 3,500 tons of tin are mighty pre-emptors.

The 50,000 barrels of cotton entering into a million cars put the platters in glowing and putting in the south. The 4,000,000 yards of certain material and the 10,000,000 yards of poultry cloth help to take up the slack to employment. To provide 1,000,000 pairs of shoes, the shoemakers begin to punch and the tanners to tan. If the 22,000,000 square feet of plate glass comes to the fore, the glass-makers, what say? With the 50,000 tons of copper and 20,000 tons of lead, 3,000,000 pounds of nickel, the times begin to brighten up. And this how 2,500,000 gallons of paint can make things shine—Brandon Inn.

World's Strangest School

Children In Australia Wide Receive Lessons By Post

Children who triumph over the strangest to obtain an education are the star pupils of the Government schools in the world.

This is the Blackfella Correspondence School in Sydney, New South Wales, which has 5,388 primary and 241 secondary pupils. Spread through the wide world, where no school is available, the children are taught by post and they make the most of their opportunities.

One of the pupils is a boy named Bert Morfin, who lost both hands when attacked by a shark. By holding a pencil in his mouth, he has learned to write. Another is a girl named Mary, who has her arm amputated, and her mother has written her lessons in a large font.

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Considers Music Important

Sir Ernest MacMillan Believes It

A plea for Canada to start treating music as "the Cinderella of the arts" was made by Sir Ernest MacMillan, president of the Canadian Music Association, at a luncheon at Montreal and district Legislatures.

The principal of the Toronto Conservatory of Music and conductor of the Toronto Symphony Orchestra, Sir Ernest MacMillan, said that the government should recognize music's position in education and culture.

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New Zealand Bitter

Home Consumption Amounts To 37 Pounds Per Capita

New Zealanders are big butter eaters. The country consumes 37 pounds per annum which means the Dominion eats or uses 16,500,000 pounds of butter. This was the total for the year 1934 when also produced 20,678,000 pounds. From 1931 to the end of the past season exports of butter and cheese have exceeded by two and one-half times the value for the whole preceding 54 years. The figures were 47,294,000 pounds (1930-1934), compared with 13,440,100 pounds for the period from 1897 to 1930. The first official record was made in 1897.

R.C. Contender

Raynes and Horne Vancouver Company, was awarded the contract for construction of the new R.C. of a customs and immigration building, grading and roadway, 81

Judge—"Did the innocent bystander in the fight go home in the interim?" Witness—"No, he went home in an ambulance."

A gold nugget recently found in the Yukon Union weighed over 20 pounds and was said to resemble a gold bar holder.

BRITAIN'S GRAND OLD DUCK CELEBRATES EIGHTY-EIGHT BIRTHDAY



May 14 was a red-letter day in the British Royal Family, because it was the birthday of the Duke of Cornwall, the great-grandson of King Edward and only living son of the late Queen Victoria. This year the Duke celebrated his eighty-eighth birthday, when he was honored by the King, who appointed him one of his personal aides-de-camp. Another honor of esteem was accorded the Duke when he was proclaimed Grand Master of the Order for the 20th time. Above are a few glimpses of His Royal Highness at the 1934 tea. (top center) when the Duke celebrated his eighty-eighth birthday, and (right) when he inspected the King's bodyguard "Tommy of the Guard" at St. James Palace last year.

Prepared Poultry Feeds

843 Brands Registered During The Past Year

Canadian poultrymen have a wide range of commercial mixed feeds from which to select their requirements. Each year sees an increase in the number of brands of these preparations registered under the Poultry Feeds Act.

Science has advanced and the farmer knows how to make the most of his dollars a year by "painting" his flocks. Minerals are used instead of ordinary feeds and the colors grow brighter in color with black skins instead of a lemon-yellow with this skin.

Typical Chinese Village

Vancouver's Orientals Plan To Reconstruct Their Canadian Homes

A business man of Vancouver will erect a typical Chinese village in the heart of Chinatown and will procure the finest collection of Oriental art and culture ever exhibited outside China as they gather to Vancouver's gateway jubilee celebration.

King Edward Inspects Guards

Told Men He Knew What Duty In Egypt Means

On the parade ground of Chelsea barracks where 22 years ago King Edward inspected the 1st Buffs, Grenadier Guards, who have just returned from 3 1/2 years service in Egypt.

To Increase Fish Sales

Sum Of \$200,000 Will Be Used For "What A Fish The People"

Development of the domestic and foreign markets for Canadian fish will be attempted through a wide of \$200,000 passed in the House of Commons. It was in addition to the \$500,000 for needy fishermen.

Britons Get The "FLYING FLEA" CRAZE

For the first time in Great Britain a "Flying Flea" rally was held at Canada Air Park, Ashford, and while only six Flying Fleas attended the most a great many flying enthusiasts were on hand to watch the demonstration. Our picture shows a general view of the rally with a Flea in flight above others parked on the aerodrome.

New Home Not Strange

Queen Mary Is Well Acquainted With Marlborough House

Marlborough House being refurbished at a residence for Queen Mary is a massive, dark red building which catches the eye of all visitors as it stands in the Mall at the end of the Victoria Memorial. The Queen, however, is no stranger to it and it has estimated value for her. For it was there, 60 years ago, that she first met the little boy who was to become her husband and with whom she was ultimately to share her life. She was then turned three and he five. Her mother, the Duchess of Teck, wrote Queen Mary that she was the Princess who was living at Marlborough House, asking if she might send "little Mary" to her with your regards. This was 19 years before attending the throne Mary remained there.

Passing Of The Umbrella

In Seven Years Production Dropped By Twenty-Five Million

The umbrella, which has been their problem. Production totalled over six million in 1924. By 1934, it was down to 4,500,000. The umbrella, which has been their problem. Production totalled over six million in 1924. By 1934, it was down to 4,500,000.

Work Occupied Eight Years

Income Tax Handbook Has Been Issued In England

Mr. Working Man and his wife will now be able to understand a little more of the income tax which they have to pay. It has been produced by a committee, which will, for 10 years, try to make the law intelligible to the people.

How It Worked Out

Mac Williams Distilled Nicknames Given Names Were Shortened

William Williams distilled nicknames given names were shortened by abbreviations. This was a sin and a shame. The names were shortened by abbreviations. This was a sin and a shame.

Last Fling Of Criticism

Music Is Called Old And Young of The Arts

Music, like poetry, has been so much combined with the old and the new, and emotions, melody in the purest form of human expression. Music is called old and young of the arts. It is the oldest because it was the first expression of the human mind.

Generous With Salutes

British Admirals Always Welcome King Emperor With 101 Guns

British Admirals are generous with their salutes to the King and the Emperor. The British Admirals always welcome the King and the Emperor with 101 guns.

Investigate Scheme

An Investigation of the Land Settlement Scheme in the Middle East

An investigation of the land settlement scheme in the Middle East has been conducted before the next session of parliament. Lord Minto, Secretary of State for the Colonies, has announced. He intended to visit the Middle East to see the scheme.

Thousand Year Ago

Use Of Anesthetic Advanced By Arabian Surgeon

A thousand years ago, an Arabian surgeon, 1,000 years ago, has been published as the first known record of the use of an anesthetic. The surgeon, who lived in Arabia some 800 years ago, was the use of general anesthesia.

Heat From Cold Water

Budden heat has been evolved by an Italian whose system, he claims, can supply it with cold water.

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Never Takes A Holiday

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Armstrong County, S.D., which has an area of 640 square miles, has no post office.

Great Britain is reducing its pig population to more milk.

Provide Work For Thousands

Fisheries Commission On Off Loading

"Twelve hundred and fifty miles of fish" This statement indicates the extent of British Columbia's fishing industry. We are told that if the drift nets in salmon fishing Canada's west coast were placed end to end they would stretch from Ontario to Halifax and about a third of the way to the Pacific coast. The figure is based on the Federal Department of Fisheries for the purpose of illustrating how great a quantity of gear is used in nearly one of Canada's most important industries. It is estimated that the manufacture of these nets give to artisans employed in Canada fisheries and mills.

Canada's commercial fishermen and their dependents number more than 600,000, enough to populate a big city—Balt. Indirectly, the fishing industry provides a means of livelihood for many thousands more people in the transportation and retailing of the products of the industry. The industry uses tens of thousands of lines, large quantities of rope and rigging, millions of pounds of twine, and thousands and large quantities of gasoline and oil. The industry also consumes 12,000 in all. Additions there are engine parts and fittings, oil-skates and other tools, which are in constant demand.

We intend forth with little thought to these men who go down to the sea in ships and out in the great waters, yet our fisheries comprise one of Canada's largest industries. The industry's value to the country is estimated at \$2,351,945 on export for 1934. Canned salmon, lobsters, and shellfish are as numerous as the fish in the canned fish class. The United States and Great Britain are the largest markets for Canadian fish.

Mac Williams Distilled Nicknames

Given Names Were Shortened

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Assembles First Engine

Pioneer Locomotive Operated In Canada 180 Years Ago

How Canada's first locomotive was assembled by a man who had never seen an engine before is recalled by the story of the first locomotive of the Canadian National Railway's magazine, in discussing the centenary of the first locomotive in Canada.

The parts for this pioneer locomotive were shipped from England and assembled on a Montreal wharf through the winter of 1825-26. The locomotive was built by James Watt, from England having disappeared, was taken to Montreal by James Watt, from England having disappeared, was taken to Montreal by James Watt, from England having disappeared.

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Depended On Whistle

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Over 1,000,000 tons of salt were produced in Japan in the last season.

